



Contractor Training

April 9, 2010

Montgomery County
Department of Environmental Protection
Watershed Management Division
Stormwater Management Maintenance Program

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Watershed Management Division

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Responsible for the inspection and compliance of maintenance requirements for privately maintained facilities and non-structural maintenance of government facilities.



Stormwater Maintenance Program Updates

- We apologize for not providing handouts this year. The County Government as a whole is trying to reduce paperwork.

Today's presentations will be available for viewing, download and printing from our website within the next few weeks.

- As part of our paperwork reduction initiative, we are moving away from mailing hard copies of maintenance letters to e-mailing these letters to property owners. This procedure has already begun and will continue to be phased in until it is complete.
- Our main telephone number, 240-777-7700, will no longer be answered by MC.DEP Staff. This main telephone number is now being answered by the Montgomery County Call Center. Telephone calls answered by the Call Center will be referred to our Department for follow-up.

Stormwater Maintenance Program Updates

- In the near future, we will be launching an E-Newsletter to provide property owners and contractors about semi-yearly non-structural maintenance requirements and program updates.
- *Beginning today, your Certificate of Attendance will be valid for a three (3) year period.*
It will not be necessary for you to attend this training until the Spring of 2013.

Stormwater Maintenance Program Updates

Stormwater Management Act of 2007

Impacts:

- ❖ This Act requires that Environmental Site Design (ESD) be used for site development through the use of nonstructural best management practices and implemented to the maximum extent practicable.
- ❖ ESD is:
 - the use of small-scale stormwater management practices to mimic natural runoff characteristics and minimize the impact of land development;
 - Optimizing conservation of natural features;
 - Minimizing use of impervious surfaces, such as pavement, concrete channels, roofs, and pipes; and,
 - Slowing down and holding runoff to increase infiltration.
- ❖ Structural practices, such as ponds and underground structures may only be used as absolutely necessary.

Stream Quality Conditions 2001-2005

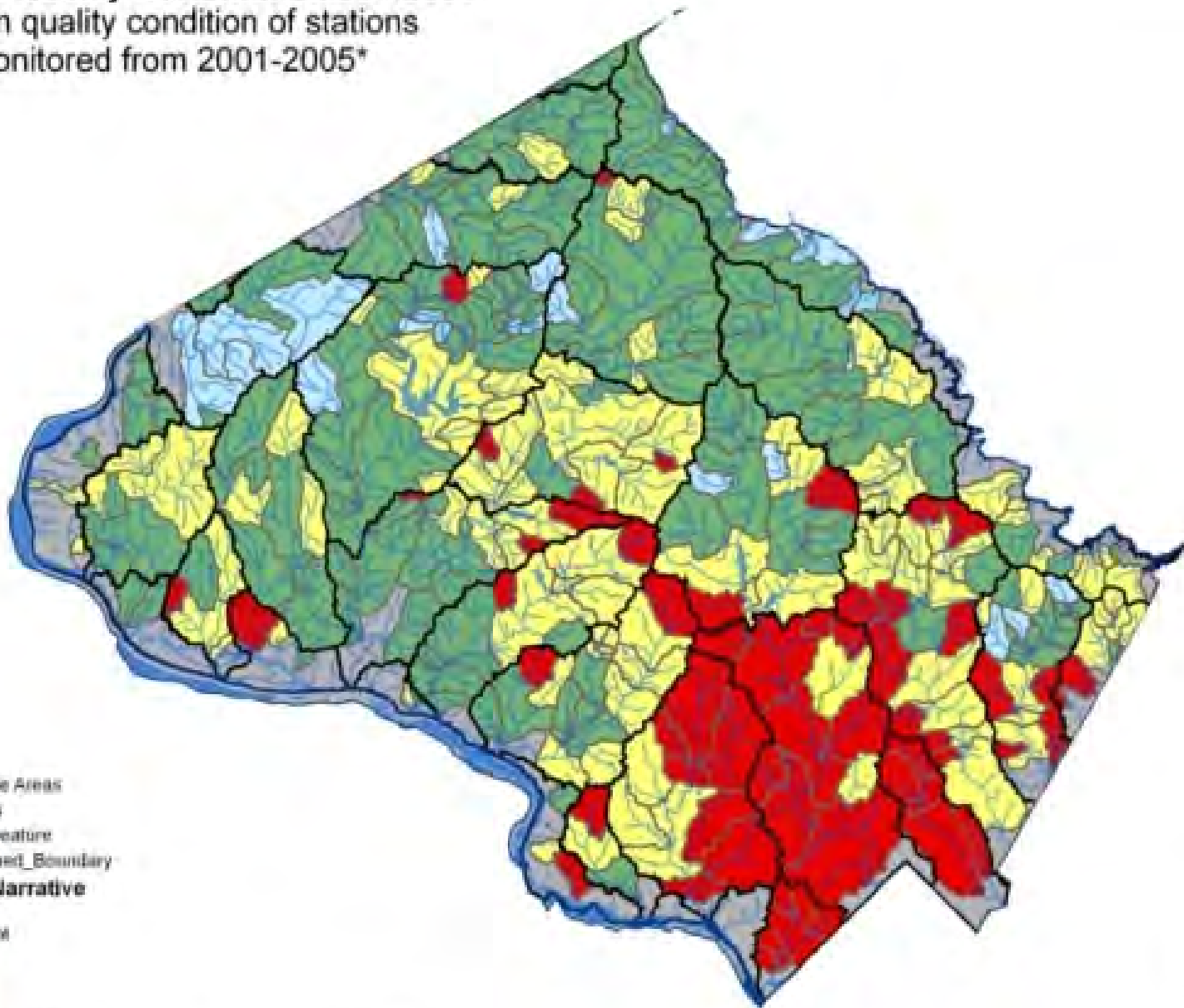
Stream quality condition of stations
monitored from 2001-2005*

Legend

- Drainage Areas
- Streams
- Water Feature
- Watershed_Boundary

Average Narrative

- Excellent
- Good
- Fair
- Poor
- Not Monitored



*Horsepen Branch was monitored in 2000

Why Are We Here

- Provide information about maintenance of stormwater facilities
- Receive feedback from you regarding our inspection process



Why Are We Here

- Training is important... consistency and attention to detail
- Help you work efficiently to help protect the ponds and streams of Montgomery County
- Emphasize training so that information can be shared and enforcement action is rare.

Maintenance Matters

BEFORE



AFTER



County Rules and Regulations

Regulations

- **NPDES (a.k.a.: MS-4) Permit issued by MDE**
 - Requires the County to inspect and maintain all stormwater structures
- **County Code, Article 2, Chapter 19, Section 19-28**
 - Requires DEP to inspect and to enforce maintenance of all stormwater structures in the County
 - Changes are forthcoming this year.



Regulations (cont.)

■ Code of Montgomery County Regulations (COMCOR)

Chapter 19, Section 19.00.01.06-.07

- ❖ Specific guidelines for maintenance
 - 48 Hour Notification
 - Maintenance Personnel Qualifications
 - Final Inspection
 - Disposal Requirements
- ❖ Changes are anticipated following revisions to the County Code.

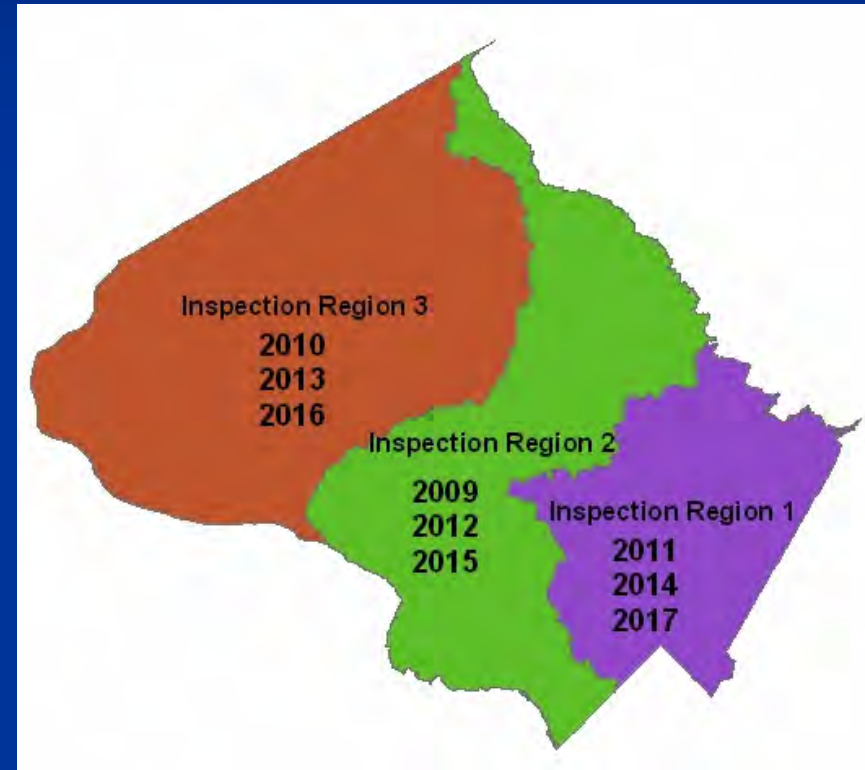


Regulations (cont.)

- OSHA Confined Space Certification
- Maryland Department of the Environment (MDE) Oil Operations Permit
- Montgomery County Noise Control Ordinance
- Montgomery County and Maryland State Highway Administration (MSHA) Work Zone Traffic Control Standards

Program Operations

- Inspect all stormwater structures once every three years (MS4 Permit Requirement)
- County divided into 3 regions, inspect one region per year
- Use a contracted engineering firm to perform initial inspections and report necessary maintenance requirements
- County notifies property owners by letter of required maintenance
- County inspectors follow-up to insure necessary maintenance is completed
- Enforcement Actions may be exercised if necessary to gain compliance
- For County maintained facilities, County performs maintenance through contracts with two firms;
 - ❖ One firm for aboveground work
 - ❖ One firm for belowground work



Underground Structure Safety



- As noted in the previous slide, OSHA Confined Space Certification is required of all persons entering confined spaces.
- Confined spaces may have atmospheric conditions that are hazardous to one's health.

For this reason, our staff wears a respirator when entering confined spaces.

Before You Dig. Every Dig. It's the Law.



1-800-257-7777
www.missutility.net

If any maintenance activity involves excavation, insure you contact **MISS UTILITY** before beginning excavation activities. It is not uncommon for water, sewer and electrical lines to exist within dams and stormwater management areas and easements.